ATTACHMENT I



764 / SECTION 9 - DENTAL AND ORAL DISORDERS

foreconomic reasons). Complete dentures are removable appliances used when no teeth remain. They help a patient chew and improve speech and appearance, but they do not provide the efficiency or tactile sensations of good natural dentition. is Generally; all; removable dental appliances are removed before throat surgery, general ariesthesia; or convulsive shock therapy so that they are not lost, broken, aspirated, or swallowed during the procedure. On removal, they should be stored in water to prevent dimensional changes that may occur with drying. However, some anesthesiologists believe that leaving appliances in place aids the passage of an airway tube, keeps the face in a more normal shape so that the mask fits better, prevents natural teeth from injuring the opposing gingiva of a completely edentulous jaw; and does not interfere with laryngoscopy distribute to the state of the

Inflammation of the dental pulp.

Pulpal disease (pulpitis) and its local sequelae—necrosis of the pulp, apical periodonitis, periapical abscess, cellulitis, and osteomyelitis of the law—can occur, when caries progresses deeply in the dentin, when a tooth requires multiple invasive procedures, or when trainia disrupts the lymphatic and blood supply, to the pulp. Inflammation that would easily, subside in other parts of the body leads to necrosis in the rigidly encased (by the dentin) pulp because edema carnot occur there without compromising circulation.

circulation.; six all and a from maxillary teeth, it may cause purulent sinusitis, meningitis, brain abscess, orbital cellulitis, and cavernous sinus thrombosis. Infection from the mandibulanteeth may cause Ludwig's angina, parapharyngeal abscess, mediastinitis, pericarditis, empyema, and jugular thrombophiebitis.

Symptoms and Diagnosis

Increversible pulpitis, pain is felt when a stimulus (usually cold or sweets) is applied to the tooth. When the stimulus is removed, the pain ceases within a few seconds.

Irreversible pulpitis produces pain that lingers for minutes after the stimulus is removed or that occurs spontaneously. A parent of the stimulus is removed or that occurs spontaneously.

tient may have difficulty locating the precise tooth that is the source of the pain, even confusing the maxillary and mandibular arches (but not the left and right sides of the mouth) because the pulp has no propriocep tive fibers. The pain may then cease for seve eral days because of pulpal necrosis. When bacteria or their metabolites exit through the apical foramen, thereby causing inflamma tion in the adjacent periodontal ligament; the tooth becomes exquisitely sensitive to presure and percussion As a periapical (den toalveolar) abscess forms, the tooth is ele vated from its socket and feels "high" when biting costlones with English Contraction dation conservate refer se experience

Treatment

In reversible pulpitis, pulp vitality can maintained if the tooth is treated, usually of caries removal, and then filled. Irreversible pulpitis and its sequelae in quire endodoniti (root canal) therapy tooth extraction Distant sequelae deman extraction to permit drainage. After a root canal procedure, adequate healing is en denced clinically by resolution of symptom and radiographically by bone filling in the radiolucent area at the root apex. If the p tient has systemic signs of infection, and tibiotic (penicillin VK-500 mg q 6 h; for pe tients allergic to penicillin, clindamycin mg or 300 mg q 6 h or metronidazole 500 q 8 h) is effective. If symptoms persist worsen, medical consultation is advisab and the tooth may need to be extracted. Rarely, subcutaneous or mediastinal physema develops after use of a high-sp air turbine dental drill or compressed air ing a root canal or an extraction when all forced into the bissues around the total socket and dissects along fascial plan Acute onset of jaw and cervical swellings characteristic crepitus of the swollenski palpation is diagnostic. Treatment is us not required, although some clinicians scribe prophylactic antibiotics.

rectical religible rectisions being and rechology in positive rections.

MALOCCEUSION

Demation from the normal contact real ship of the maxillary and mandle teeth

Occlusion should be checked on sides of the mouth by retracting each with a tongue depressor while the pre-

bites. Normally, each dental and teeth in side by side contact mooth curve, and the maxile eth overlie the upper third of its ular anterior teeth: The buccal (the of the maxillary posterior teeth are to the corresponding cusps of the lar posterior teeth. On each saile mouth, the anterior cusp of the sint permanent molar fits into the groove of the mandibular firsts cause the outer parts of all maxiles normally external to the ha ine normally external neth, the lips and cheeks are display between the teeth so that they are not the lingual (inner) surfaces of the teeth lie in a smaller arc than the saper teeth, confining the tongue are saiding the likelihood of its being but Ha maxillary teeth should contact it powerful masticatory forces (which a 100 lb in the molar region) are will tetted if these forces are appropriately to be the those feeth are likely to buted. If these forces are applied to witinity data and a commonly classification is commonly classification.

Allocclusion is commonly classified that it in which the upper and lower as which normally but the anterior teach sowhed or malposed; Class II in which standed or malposed; Class II in which standed or malposed; Class II in which standed in manufacture is a standed or malposed; Class II in which standed is standed in the facial profile is convertible and the facial profile and to the upper sea mandibular teeth are external for the interest in a mandibular teeth are external for the interest includes a profile in the facial proper alignment in the facial or teeth are too large for the interest includes a proposing teeth extrude causing mathematical facilities are lost, adjacent feeth and the apposing teeth extrude causing mathematical in prevent these movements. When the prevent these movements when the includes apposing teeth care to rether permanent as more distal in the arch or the parameters of the different space for other permanent and many permanent the standed too long and many permanent.